

U.S. TREASURY DEPARTMENT

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# THE NOTIFIABLE DISEASES

PREVALENCE IN STATES

1933

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SUPPLEMENT No. 112

TO THE

PUBLIC HEALTH REPORTS



UNITED STATES

GOVERNMENT PRINTING OFFICE

WASHINGTON : 1934

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## THE NOTIFIABLE DISEASES

### PREVALENCE DURING 1933 IN STATES

The tables which appear on the following pages have been compiled from data furnished by the health officers of the Several States and the District of Columbia. The data for syphilis and gonorrhea were furnished by the Division of Venereal Diseases of the Public Health Service. The reports for Rocky Mountain spotted fever, tularaemia, typhus fever, and undulant fever have been supplemented by other data received by the Public Health Service.

The following is a list of the diseases included:

Typhoid fever (1) and paratyphoid fever (2).  
Typhus fever (3)  
Undulant fever (5)  
Smallpox (6)  
Measles (7)  
Scarlet fever (8)  
Whooping cough (9)  
Diphtheria (10)  
Influenza (11)  
Cholera (12)  
Dysentery (amoebic) (13a)  
Plague (14)  
Pollomyelitis (16)  
Lethargic encephalitis (17)  
Meningococcus meningitis (18)  
Anthrax (20)

Rabies in animals  
Rabies in man (21)  
Tuberculosis (respiratory system and all forms) (23-32)  
Syphilis (34)  
Gonorrhea (35)  
Yellow fever (37)  
Malaria (38)  
Chicken pox (44a)  
Dengue (part 44c)  
Mumps (part 44c)  
Rocky Mountain spotted fever (part 44c)  
Tularaemia (part 44c)  
Pellagra (62)  
Pneumonia (all forms) (107-109)  
Septic sore throat (113a)

NOTE.—Figures in parentheses refer to International List of Causes of Death.

Morbidity and mortality data for 1933 were received from all the States (including the District of Columbia).

The populations given in the tables and used in computing case and death rates were estimated as of July 1, 1933, by the Bureau of the Census.

The estimated expectancy, given in the summary for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1933. The estimated expectancy is the median number of cases reported for the years 1926 to 1932, inclusive.

In comparing the figures for 1933 with the estimated expectancy, or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of notifiable diseases. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases occurring.

A relatively large number of reported cases of a notifiable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States.

In some instances comparatively large numbers of cases of diseases reported in certain States may be due to the system of reporting rather than to unusual prevalence of the diseases. For instance, in Mississippi physicians report some diseases monthly to the State health officer, giving the number of cases occurring in their practice during the month. This method of reporting probably is responsible, in part, at least, for the comparatively large numbers of cases of certain diseases reported in Mississippi.

Tabulations of reported cases of, and deaths from, notifiable diseases, have been issued by the United States Public Health Service since 1912. (Reprints numbered 163, 208, 298, 345, 426, 505, 551, 643, 681, 791, 879, 974, 1,056, and 1,132, and supplements numbered 67, 73, 79, 88, 104, 105, and 109.)

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## SUMMARY

## TYPHOID FEVER (1) AND PARATYPHOID FEVER (2)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	23,349
Estimated expectancy based on years 1926-32.....	27,363
Cases per 1,000 inhabitants, 1933.....	0.186
Cases per 1,000 inhabitants, estimated expectancy.....	0.225
Deaths registered, 1933.....	4,383
Deaths per 1,000 inhabitants, 1933.....	0.035
Cases reported for each death registered, 1933.....	5

## SMALLPOX (6)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	6,491
Estimated expectancy based on years 1926-32.....	29,368
Cases per 1,000 inhabitants, 1933.....	0.052
Cases per 1,000 inhabitants, estimated expectancy.....	0.242
Deaths registered, 1933.....	35
Deaths per 1,000 inhabitants, 1933.....	0.0003
Cases reported for each death registered, 1933.....	185

## MEASLES (7)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	400,894
Cases per 1,000 inhabitants, 1933.....	3.189
Deaths registered, 1933.....	2,174
Deaths per 1,000 inhabitants, 1933.....	0.017
Cases reported for each death registered, 1933.....	184

## SCARLET FEVER (8)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	212,395
Estimated expectancy based on years 1926-32.....	182,680
Cases per 1,000 inhabitants, 1933.....	1.690
Cases per 1,000 inhabitants, estimated expectancy.....	1.503
Deaths registered, 1933.....	2,452
Deaths per 1,000 inhabitants, 1933.....	0.020
Cases reported for each death registered, 1933.....	87

## WHOOPING COUGH (9)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	179,135
Estimated expectancy based on years 1926-32.....	173,886
Cases per 1,000 inhabitants, 1933.....	1.425
Cases per 1,000 inhabitants, estimated expectancy.....	1.431
Deaths registered, 1933.....	4,170
Deaths per 1,000 inhabitants, 1933.....	0.033
Cases reported for each death registered, 1933.....	43

## DIPHTHERIA (10)

48 States: <sup>1</sup>	
Cases reported, 1933 (population 125,693,000).....	50,462
Estimated expectancy based on years 1926-32.....	78,059
Cases per 1,000 inhabitants, 1933.....	0.401
Cases per 1,000 inhabitants, estimated expectancy.....	0.642
Deaths registered, 1933.....	4,853
Deaths per 1,000 inhabitants, 1933.....	0.039
Cases reported for each death registered, 1933.....	10

## INFLUENZA (11)

41 States: <sup>1</sup>	
Cases reported, 1933 (population 89,082,000).....	268,688
Cases per 1,000 inhabitants, 1933.....	3.016
Deaths registered, 1933.....	24,656
Deaths per 1,000 inhabitants, 1933.....	0.277
Cases reported for each death registered, 1933.....	11
48 States: <sup>1</sup>	
Deaths registered, 1933 (population 125,693,000).....	31,942
Deaths per 1,000 inhabitants, 1933.....	0.254

## DYSENTERY (AMOEBIC) (13A)

33 States: <sup>1</sup>	
Cases reported, 1933 (population 96,470,000).....	2,002
Cases per 1,000 inhabitants, 1933.....	0.021
Deaths registered, 1933.....	168
Deaths per 1,000 inhabitants, 1933.....	0.002
Cases reported for each death registered, 1933.....	12
34 States: <sup>1</sup>	
Cases reported, 1933 (population 101,513,000).....	2,057
Cases per 1,000 inhabitants, 1933.....	0.020
45 States: <sup>1</sup>	
Deaths registered, 1933 (population 115,487,000).....	219
Deaths per 1,000 inhabitants, 1933.....	0.002

<sup>1</sup> The District of Columbia is also included.

## POLIOMYELITIS (16)

45 States: <sup>1</sup>		
Cases reported, 1933 (population 115,657,000)	.....	4,983
Estimated expectancy based on years 1926-32	.....	3,732
Cases per 1,000 inhabitants, 1933	.....	0.043
Cases per 1,000 inhabitants, estimated expectancy	.....	0.033
Deaths registered, 1933	.....	716
Deaths per 1,000 inhabitants, 1933	.....	0.006
Cases reported for each death registered, 1933	.....	7
48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	.....	812
Deaths per 1,000 inhabitants, 1933	.....	0.006

## LETHARGIC ENCEPHALITIS (17)

35 States: <sup>1</sup>		
Cases reported, 1933 (population 108,011,000)	.....	3,332
Cases per 1,000 inhabitants, 1933	.....	0.031
Deaths registered, 1933	.....	1,194
Deaths per 1,000 inhabitants, 1933	.....	0.011
Cases reported for each death registered, 1933	.....	3
48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	.....	1,363
Deaths per 1,000 inhabitants, 1933	.....	0.011

## MENINGOCOCCUS MENINGITIS (18)

44 States: <sup>1</sup>		
Cases reported, 1933 (population 122,662,000)	.....	2,913
Estimated expectancy based on years 1926-32	.....	4,913
Cases per 1,000 inhabitants, 1933	.....	0.024
Cases per 1,000 inhabitants, estimated expectancy	.....	0.041
Deaths registered, 1933	.....	1,184
Deaths per 1,000 inhabitants, 1933	.....	0.010
Cases reported for each death registered, 1933	.....	2
47 States: <sup>1</sup>		
Deaths registered, 1933 (population 123,945,000)	.....	1,214
Deaths per 1,000 inhabitants, 1933	.....	0.010

## TUBERCULOSIS (RESPIRATORY SYSTEM) (23)

46 States: <sup>1</sup>		
Deaths registered, 1933 (population 123,576,000)	.....	65,914
Deaths per 1,000 inhabitants, 1933	.....	0.533

## TUBERCULOSIS (ALL FORMS) (23-32)

48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	.....	73,907
Deaths per 1,000 inhabitants, 1933	.....	0.588

## SYPHILIS (34)

44 States: <sup>1</sup>		
Cases reported, 1933 (population 124,404,000)	.....	219,405
Cases per 1,000 inhabitants, 1933	.....	1.764

## GONORRHEA (35)

44 States: <sup>1</sup>		
Cases reported, 1933 (population 124,404,000)	.....	145,755
Cases per 1,000 inhabitants, 1933	.....	1.172

## MALARIA (38)

34 States:		
Cases reported, 1933 (population 107,265,000)	.....	125,549
Cases per 1,000 inhabitants, 1933	.....	1.170
Deaths registered, 1933	.....	4,399
Deaths per 1,000 inhabitants, 1933	.....	0.041
Cases reported for each death registered, 1933	.....	29
48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	.....	4,471
Deaths per 1,000 inhabitants, 1933	.....	0.036

## CHICKEN POX (44A)

46 States: <sup>1</sup>		
Cases reported, 1933 (population 123,177,000)	.....	249,912
Estimated expectancy based on years 1926-32	.....	210,921
Cases per 1,000 inhabitants, 1933	.....	2.029
Cases per 1,000 inhabitants, estimated expectancy	.....	1.771
Deaths registered, 1933	.....	141
Deaths per 1,000 inhabitants, 1933	.....	0.001
Cases reported for each death registered, 1933	.....	1,772
47 States: <sup>1 2</sup>		
Cases reported, 1933 (population 125,224,000)	.....	253,532
Cases per 1,000 inhabitants, 1933	.....	2.025
47 States: <sup>1 2</sup>		
Deaths registered, 1933 (population 123,646,000)	.....	141
Deaths per 1,000 inhabitants, 1933	.....	0.001

<sup>1</sup> The District of Columbia is also included.<sup>2</sup> Not the same groups for cases and deaths.

## NOTIFIABLE DISEASES—STATES—1933

## MUMPS (PART 44C)

43 States:		
Cases reported, 1933 (population 101,876,000)	89,146	
Estimated expectancy based on years 1926-32	88,725	
Cases per 1,000 inhabitants, 1933	0.875	
Cases per 1,000 inhabitants, estimated expectancy	0.900	
Deaths registered, 1933	50	
Deaths per 1,000 inhabitants, 1933	0.0005	
Cases reported for each death registered, 1933	1,783	
45 States:		
Cases reported, 1933 (population 107,592,000)	89,615	
Cases per 1,000 inhabitants, 1933	0.833	
Deaths registered, 1933	51	
Deaths per 1,000 inhabitants, 1933	0.0005	
Cases reported for each death registered, 1933	1,757	
46 States:		
Cases reported, 1933 (population 109,639,000)	91,467	
Cases per 1,000 inhabitants, 1933	0.834	
47 States: <sup>1</sup>		
Deaths registered, 1933 (population 123,646,000)	55	
Deaths per 1,000 inhabitants, 1933	0.0004	

## PELLAGRA (62)

15 States: <sup>1</sup>		
Cases reported, 1933 (population 36,955,000)	12,961	
Cases per 1,000 inhabitants, 1933	0.351	
48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	3,821	
Deaths per 1,000 inhabitants, 1933	0.030	

## PNEUMONIA (ALL FORMS) (107-109)

48 States: <sup>1</sup>		
Deaths registered, 1933 (population 125,693,000)	92,456	
Deaths per 1,000 inhabitants, 1933	0.736	

## SEPTIC SORE THROAT (115A)

28 States:		
Cases reported, 1933 (population 74,330,000)	6,351	
Cases per 1,000 inhabitants, 1933	0.085	
44 States: <sup>1</sup>		
Deaths registered, 1933 (population 115,305,000)	1,974	
Deaths per 1,000 inhabitants, 1933	0.017	

<sup>1</sup> The District of Columbia is also included.

Cases reported, 1933, by months

Disease	Num- ber of States <sup>1</sup>	Janu- ary	Febru- ary	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Typhoid fever and paratyphoid fever (1) (2).....	48	809	543	659	726	998	2,082	3,920	4,304	3,765	2,541	1,723	1,244	23,349
Typhoid fever (3).....	22	47	45	35	75	84	197	197	303	320	198	213	180	2,069
Undulant fever (5).....	48	110	101	125	143	165	230	146	170	190	128	139	140	1,788
Smallpox (6).....	48	703	819	1,004	901	692	500	302	158	124	231	479	571	6,491
Measles (7).....	25	963	47,334	76,205	80,076	71,985	38,511	12,394	3,747	2,429	4,097	12,202	26,010	400,894
Scarlet fever (8).....	48	24,221	23,573	30,523	26,454	21,308	10,777	5,213	4,515	7,825	15,568	21,340	21,062	212,395
Whooping cough (9).....	48	11,818	12,307	16,587	16,528	18,141	18,141	17,595	13,753	10,689	10,921	15,960	16,631	179,135
Diphtheria (10).....	48	4,431	3,295	3,116	2,716	2,219	1,993	1,997	2,023	4,903	8,349	8,587	6,330	70,462
Influenza (11).....	41	168,314	37,565	17,085	8,547	3,859	2,137	1,893	2,492	3,395	5,277	7,813	10,435	298,088
Dysentery (amoebic) (13a).....	34	64	62	72	137	112	152	107	158	112	144	173	464	2,057
Polymyositis (16).....	45	78	47	55	62	94	120	451	1,384	1,476	776	283	152	4,983
Lethargic encephalitis (17).....	35	76	72	78	95	47	68	53	543	1,694	368	159	107	3,332
Meningococcus meningitis (18).....	44	392	318	430	323	251	175	163	176	127	121	178	239	2,913
Anthrax (20).....	15	3	3	4	2	3	367	9	6	5	4	2	5	48
Rabies in animals.....	24	292	290	402	395	387	367	332	300	279	297	398	360	4,060
Rabies in man (21).....	48	4	4	5	6	6	7	4	7	2	2	5	2	48
Tuberculosis (respiratory system) (23).....	48	3,633	3,403	4,225	4,040	4,249	4,276	3,809	3,996	3,624	3,533	3,657	3,474	48,300
Tuberculosis (all forms) (23-32).....	28	7,823	8,577	8,552	8,577	8,552	9,458	5,598	7,123	7,227	7,227	7,118	7,224	96,811
Syphilis (34).....	44	12,878	17,847	20,917	19,345	18,672	15,158	15,598	17,695	17,695	18,727	17,287	17,818	219,401
Gonorrhea (35).....	44	12,178	17,836	20,917	19,345	18,672	15,158	15,598	17,695	17,695	18,727	17,287	17,818	219,401
Malaria (38).....	34	720	1,950	2,450	3,366	3,076	1,722	1,022	1,211	29,166	21,759	12,465	8,527	125,540
Chicken pox (41a).....	47	32,840	30,010	36,689	31,112	28,966	17,460	5,463	2,223	2,592	9,159	24,461	31,790	253,532
Dengue (part 44a).....	10	20	8	28	12	10	29	25	48	45	24	29	26	394
Mumps (part 44c).....	45	9,486	11,586	10,581	14,859	12,862	6,327	2,768	1,620	1,665	2,776	5,012	5,925	91,467
Rocky Mountain spotted fever (part 44c).....	20	113	54	79	53	120	134	81	38	14	2	2	1	466
Tularaemia (part 44c).....	37	113	54	79	53	120	134	81	38	14	2	2	1	466
Pellagra (62).....	15	566	604	677	1,100	1,629	2,258	2,112	1,224	955	780	554	397	12,961
Pneumonia (all forms) (107-109).....	20	15,926	9,333	9,181	6,993	5,669	4,007	2,597	2,578	2,701	4,288	7,283	9,825	80,411
Septic sore throat (115a).....	28	557	567	782	661	653	454	357	302	389	530	511	588	6,351

<sup>1</sup> The District of Columbia is also included.<sup>2</sup> The following numbers of cases of certain diseases are not distributed by months but are included in the totals of the above table: Typhoid fever and paratyphoid fever, 25 cases; typhus fever, 4; undulant fever, 1; smallpox, 7; measles, 241; scarlet fever, 16; whooping cough, 42; diphtheria, 34; influenza, 175; poliomyelitis, 5; lethargic encephalitis, 2; meningococcus meningitis, 20; tuberculosis (all forms), 1,170; malaria, 115; chicken pox, 4; Rocky Mountain spotted fever, 14; tularaemia, 15; and pellagra, 15 cases.<sup>3</sup> Exclusive of New York City.

NOTE.—Figures in parentheses refer to International List of Causes of Death.



## Cases and deaths reported, 1933, by States

State	Population (in thousands)	Typhoid fever (1) and paratyphoid fever (2)		Typhus fever (3)		Undulant fever (5)		Small-pox (6)		Measles (7)		Scarlet fever (8)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND													
Maine.....	802	137	15	0	25	1	0	0	110	0	753	13	
New Hampshire.....	469	13	4	0	9	1	0	0	1,361	2	1,080	17	
Vermont.....	361	17	3	0	14	0	0	0	1,315	0	646	8	
Massachusetts.....	4,318	172	24	1	0	11	0	0	15,067	27	12,284	108	
Rhode Island.....	702	25	3	2	0	11	1	0	78	0	1,153	9	
Connecticut.....	1,646	82	8	0	36	1	29	0	5,433	8	3,766	24	
MIDDLE ATLANTIC													
New York.....	12,965	1,054	112	12	0	255	6	3	72,086	332	25,523	220	
New Jersey.....	4,193	263	43	1	0	28	2	0	30,633	71	8,638	59	
Pennsylvania.....	9,787	1,127	125	0	0	54	4	0	34,384	121	28,190	275	
EAST NORTH CENTRAL													
Ohio.....	6,798	1,058	123	1	0	78	11	239	0	15,690	118	25,292	218
Indiana.....	3,291	480	95	0	0	15	6	87	1	3,586	13	6,129	86
Illinois.....	7,826	796	113	10	0	93	2	248	3	12,357	52	16,604	277
Michigan.....	5,043	470	50	0	0	81	2	46	0	21,654	111	16,419	157
Wisconsin.....	2,992	116	17	0	0	104	2	578	1	9,926	26	4,615	37
WEST NORTH CENTRAL													
Minnesota.....	2,594	132	17	0	0	80	0	68	0	21,185	71	3,322	37
Iowa.....	2,482	110	25	0	0	151	6	719	0	894	5	1,990	45
Missouri.....	3,668	456	212	0	0	79	8	144	1	5,961	63	4,344	106
North Dakota.....	687	45	9	0	0	4	0	23	0	2,793	25	714	11
South Dakota.....	702	383	35	0	0	3	1	32	0	2,352	7	876	11
Nebraska.....	1,392	52	10	0	0	5	0	134	1	1,625	9	1,175	25
Kansas.....	1,900	282	28	0	0	86	4	57	0	6,222	12	3,391	39
SOUTH ATLANTIC													
Delaware.....	241	67	9	3	0	6	0	0	219	0	390	2	
Maryland.....	1,666	554	37	4	3	39	0	0	687	3	3,703	39	
District of Columbia.....	495	67	18	0	0	1	0	0	539	3	600	6	
Virginia.....	2,441	988	113	14	1	44	0	10	9,127	58	3,429	54	
West Virginia.....	1,774	966	141	1	1	2	0	55	0	3,964	45	2,875	44
North Carolina.....	3,275	696	129	46	5	15	4	35	0	16,197	84	3,662	45
South Carolina.....	1,748	874	186	54	3	10	0	33	1	6,259	59	350	18
Georgia.....	2,911	1,140	249	625	29	39	2	47	0	4,821	70	646	18
Florida.....	1,554	186	65	54	3	6	0	1	1,048	3	203	10	
EAST SOUTH CENTRAL													
Kentucky.....	2,648	1,444	317	1	0	8	0	24	0	1,815	27	3,308	72
Tennessee.....	2,664	1,469	253	1	0	12	4	57	0	3,908	87	2,889	53
Alabama.....	2,697	658	121	823	32	12	0	82	0	1,729	27	1,211	19
Mississippi.....	2,047	529	135	1	0	13	0	68	0	11,102	65	724	9
WEST SOUTH CENTRAL													
Arkansas.....	1,872	459	211	2	0	10	0	230	2	5,441	106	546	8
Louisiana.....	2,153	976	247	11	1	28	0	75	0	944	35	634	11
Oklahoma.....	2,459	861	258	0	0	15	7	176	0	2,646	6	1,020	16
Texas.....	6,023	1,932	530	308	15	43	8	859	12	22,146	199	3,004	47
MOUNTAIN													
Montana.....	538	193	15	0	0	17	0	33	0	2,178	14	614	10
Idaho.....	447	65	22	0	0	18	0	346	2	1,012	3	202	1
Wyoming.....	231	45	9	0	0	1	0	5	0	443	2	370	5
Colorado.....	1,052	224	52	0	0	2	0	192	6	371	1	1,292	22
New Mexico.....	434	377	32	0	0	7	0	19	0	710	24	622	15
Arizona.....	453	152	23	0	0	27	1	10	0	1,674	54	544	10
Utah.....	518	62	3	0	0	9	0	31	0	3,953	1	1,413	11
Nevada.....	93	13	2	0	0	1	0	16	0	19	0	150	2
PACIFIC													
Washington.....	1,599	181	24	0	0	24	1	288	1	2,987	9	1,680	14
Oregon.....	983	166	19	0	0	25	1	301	1	2,216	10	1,190	26
California.....	6,062	735	92	4	2	132	11	091	3	28,027	106	8,211	83
Total.....	125,693	23,349	4,383	2,069	95	1,788	87	6,491	35	400,894	2,174	212,395	2,452

<sup>1</sup> Reports of cases of typhus fever and undulant fever received from State health officers have been supplemented by reports received from other sources.

NOTE.—Figures in parentheses refer to International List of Causes of Death.



## CHOLERA (12)

No case of cholera or death from this disease was reported in continental United States during the year 1933.

## PLAGUE (HUMAN) (14)

In continental United States, 1 case of human plague with 1 death was reported during 1933, at Whittier, Calif.

In Hawaii Territory, 2 cases of human plague with 1 death were reported during 1933 in Hamakua District, island of Hawaii.

## Cases and deaths reported, 1933, by States—Continued

State	Whooping cough (9)		Diphtheria (10)		Influenza (11)		Dysentery (amœbic) (13a)		Poliomyelitis (16)		Lethargic encephalitis (17)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
<b>NEW ENGLAND</b>												
Maine.....	1,270	16	77	14	5,062	353	0	67	7	9	7	7
New Hampshire.....	61	12	15	3	214	214	0	14	5	-----	5	5
Vermont.....	1,298	13	68	3	147	147	0	51	5	-----	3	3
Massachusetts.....	9,834	97	1,041	86	584	23	2	353	32	27	16	16
Rhode Island.....	1,577	26	142	9	758	122	1	20	1	-----	5	5
Connecticut.....	2,896	27	224	16	1,744	361	8	0	78	2	21	14
<b>MIDDLE ATLANTIC</b>												
New York.....	20,821	298	2,606	152	1,725	87	12	1,386	143	149	85	85
New Jersey.....	6,456	43	1,035	52	2,419	514	15	1	234	24	48	36
Pennsylvania.....	15,262	198	3,065	230	2,542	48	8	407	55	92	80	80
<b>EAST NORTH CENTRAL</b>												
Ohio.....	7,407	152	2,362	174	3,804	1,552	20	5	358	52	83	60
Indiana.....	1,690	70	2,036	148	4,363	1,020	-----	46	11	-----	46	46
Illinois.....	6,439	81	1,695	134	2,179	1,200	296	23	207	27	230	102
Michigan.....	11,720	153	1,152	112	-----	856	55	93	5	111	30	30
Wisconsin.....	11,423	59	299	18	12,821	765	14	0	64	13	20	19
<b>WEST NORTH CENTRAL</b>												
Minnesota.....	5,272	77	552	25	920	636	72	4	377	37	68	39
Iowa.....	1,022	64	563	53	1,804	851	10	3	45	15	56	35
Missouri.....	1,349	96	2,176	237	-----	1,218	85	5	40	16	1,660	310
North Dakota.....	306	20	238	19	10,995	235	10	0	82	9	24	7
South Dakota.....	382	44	211	13	970	284	-----	0	37	6	-----	4
Nebraska.....	1,489	29	337	23	1,145	487	11	0	26	6	42	19
Kansas.....	3,152	60	671	54	8,318	877	16	4	55	14	167	53
<b>SOUTH ATLANTIC</b>												
Delaware.....	185	6	94	7	112	46	-----	0	7	1	-----	0
Maryland.....	2,721	82	625	29	5,478	294	15	5	44	4	-----	11
District of Columbia.....	1,401	8	388	12	97	50	9	2	12	2	5	2
Virginia.....	2,513	123	2,072	175	25,152	979	14	2	38	7	39	12
West Virginia.....	1,596	107	1,649	189	6,057	598	1	0	93	22	6	6
North Carolina.....	7,155	197	2,497	198	7,215	941	3	0	30	12	-----	13
South Carolina.....	3,058	125	1,992	89	33,414	866	-----	7	29	13	51	32
Georgia.....	2,180	220	1,374	187	11,505	1,227	70	12	41	12	27	12
Florida.....	508	44	452	56	1,267	608	33	9	-----	9	-----	10
<b>EAST SOUTH CENTRAL</b>												
Kentucky.....	1,418	129	2,159	432	12,177	1,165	-----	11	44	29	88	43
Tennessee.....	1,954	169	1,582	231	8,112	1,029	-----	13	118	35	28	28
Alabama.....	1,652	176	1,572	159	6,947	889	8	6	28	10	62	21
Mississippi.....	10,733	244	859	116	33,991	758	892	13	14	8	-----	13
<b>WEST SOUTH CENTRAL</b>												
Arkansas.....	608	158	668	143	14,636	844	-----	13	13	-----	41	41
Louisiana.....	629	123	1,025	102	2,397	704	41	26	31	11	11	6
Oklahoma.....	455	69	1,462	294	5,805	556	-----	3	-----	25	25	3
Texas.....	6,019	208	5,756	601	15,208	1,409	-----	16	-----	62	73	37

<sup>1</sup> Nonresidents.

## Cases and deaths reported, 1933, by States—Continued

State	Whooping cough (9)		Diphtheria (10)		Influenza (11)		Dysentery (amebic) (13a)		Polio-myelitis (16)		Lethargic encephalitis (17)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
<b>MOUNTAIN</b>												
Montana.....	542	16	106	16	9,222	191	4	0	13	2	10	5
Idaho.....	117	1	44	8	96	84	0	0	9	5	2	0
Wyoming.....	196	8	21	0	64	59	1	0	11	0	2	2
Colorado.....	1,188	41	254	19	1,051	339	8	0	7	0	14	14
New Mexico.....	778	41	385	43	197	126	5	2	9	3	5	2
Arizona.....	608	22	174	16	566	87	1	1	31	4	4	4
Utah.....	1,902	8	84	0	1,006	34	4	0	23	3	9	5
Nevada.....	27	1	17	4	190	9	1	1	2	1	2	2
<b>PACIFIC</b>												
Washington.....	1,134	4	271	25	809	395	3	2	90	13	20	17
Oregon.....	518	10	111	11	3,415	275	5	2	36	7	11	7
California.....	17,214	195	2,174	116	5,170	837	168	19	170	14	43	31
Total.....	179,135	4,170	50,462	4,853	268,688	31,942	2,057	219	4,983	812	3,332	1,363

NOTE.—Figures in parentheses refer to International List of Causes of Death.

## ANTHRAX IN MAN (20)

State	Cases	Deaths	State	Cases	Deaths
<b>NEW ENGLAND</b>			<b>SOUTH ATLANTIC</b>		
New Hampshire.....		1	Delaware.....	3	0
Massachusetts.....	9	2	Virginia.....	1	0
<b>MIDDLE ATLANTIC</b>			<b>EAST SOUTH CENTRAL</b>		
New York.....	4	0	Mississippi.....	2	—
New Jersey.....	5	1	<b>WEST SOUTH CENTRAL</b>		
Pennsylvania.....		2	Arkansas.....	4	3
<b>EAST NORTH CENTRAL</b>			Louisiana.....	3	0
Indiana.....	1	0	Oklahoma.....		2
Michigan.....	2	1	Texas.....	10	4
<b>WEST NORTH CENTRAL</b>			<b>MOUNTAIN</b>		
Minnesota.....	1	0	Arizona.....	1	0
Missouri.....		2	<b>Total.....</b>		
Nebraska.....	1	0		48	19
Kansas.....	1	1			

## Cases and deaths reported, 1933, by States—Continued

State	Rabies in ani- mals	Rabies in man (21)	State	Rabies in ani- mals	Rabies in man (21)
	Cases	Deaths		Cases	Deaths
NEW ENGLAND			EAST SOUTH CENTRAL		
Maine.....	62	0	Kentucky.....		2
New Hampshire.....		0	Tennessee.....		7
Vermont.....		0	Alabama.....	827	5
Massachusetts.....	185	1	Mississippi.....	43	4
Rhode Island.....		0	WEST SOUTH CENTRAL		
Connecticut.....	105	0	Arkansas.....		2
MIDDLE ATLANTIC			Louisiana.....	145	2
New York.....	18	1	Oklahoma.....		11
New Jersey.....	283	0	Texas.....	559	7
Pennsylvania.....		0	MOUNTAIN		
EAST NORTH CENTRAL			Montana.....		0
Ohio.....		2	Idaho.....		0
Indiana.....	350	0	Wyoming.....		0
Illinois.....	241	6	Colorado.....		0
Michigan.....		0	New Mexico.....	2	0
Wisconsin.....	2	0	Arizona.....		0
WEST NORTH CENTRAL			Utah.....		0
Minnesota.....	1	0	Nevada.....		0
Iowa.....		0	PACIFIC		
Missouri.....	164	0	Washington.....	120	1
North Dakota.....		0	Oregon.....	4	0
South Dakota.....		0	California.....	674	0
Nebraska.....		0	Total.....		
Kansas.....	85	0		4,099	59
SOUTH ATLANTIC					
Delaware.....	21	0			
Maryland.....	25	0			
District of Columbia.....		0			
Virginia.....		0			
West Virginia.....		2			
North Carolina.....		4			
South Carolina.....	162	1			
Georgia.....	1	0			
Florida.....	20	1			

1 Exclusive of New York City.

## Cases and deaths reported, 1933, by States—Continued

State	Meningococcus meningitis (18)		Tuberculosis, respiratory (23)		Tuberculosis, all forms (23-32)		Syphilis (34)	Gonorrhea (35)	Malaria (38)		Chicken pox (44a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Cases	Cases	Deaths	Cases	Deaths
<b>NEW ENGLAND</b>												
Maine.....	11	6	298	708	366	437	511	-----	1	1,903	0	0
New Hampshire.....	-----	4	146	235	174	174	208	-----	0	-----	0	0
Vermont.....	-----	1	154	-----	175	253	411	-----	0	1,514	0	0
Massachusetts.....	50	25	3,541	2,059	4,007	2,281	4,466	6,592	28	2	10,259	8
Rhode Island.....	5	3	622	318	1,221	353	1,021	681	14	0	907	1
Connecticut.....	27	9	1,180	710	1,268	793	791	825	4	1	5,091	2
<b>MIDDLE ATLANTIC</b>												
New York.....	174	97	16,288	7,021	17,523	7,837	57,808	17,142	77	0	29,003	27
New Jersey.....	76	23	-----	2,165	4,461	2,376	6,874	3,513	9	1	13,303	8
Pennsylvania.....	207	113	-----	4,586	6,219	5,054	3,571	3,338	13	4	33,516	14
<b>EAST NORTH CENTRAL</b>												
Ohio.....	58	32	-----	3,260	6,924	3,640	6,779	3,591	65	8	18,943	5
Indiana.....	133	49	-----	1,620	-----	1,863	2,568	1,657	-----	24	3,717	8
Illinois.....	557	209	9,034	3,694	9,193	4,173	13,442	13,942	251	62	15,972	14
Michigan.....	86	31	-----	1,906	7,144	2,348	7,691	6,447	63	2	14,562	0
Wisconsin.....	57	16	-----	1,082	1,832	1,214	512	1,971	-----	0	18,850	5
<b>WEST NORTH CENTRAL</b>												
Minnesota.....	56	31	-----	844	2,608	1,003	3,824	4,339	2	0	5,246	3
Iowa.....	66	35	-----	560	-----	637	726	689	-----	3	1,817	1
Missouri.....	128	47	-----	2,115	-----	2,393	4,686	2,276	239	200	2,214	4
North Dakota.....	48	12	-----	128	187	167	320	725	-----	0	844	0
South Dakota.....	22	1	-----	243	-----	287	188	406	2	0	1,177	0
Nebraska.....	34	8	284	260	-----	303	671	917	2	2	1,908	1
Kansas.....	45	22	906	510	1,074	576	1,139	815	18	8	4,403	4
<b>SOUTH ATLANTIC</b>												
Delaware.....	10	1	-----	163	-----	180	1,435	346	-----	0	340	0
Maryland.....	21	18	2,585	1,278	2,627	1,376	3,733	2,339	16	2	4,506	4
District of Columbia.....	22	11	1,015	511	1,100	617	2,005	1,344	-----	0	837	0
Virginia.....	74	33	-----	1,814	2,501	2,009	3,763	2,624	266	8	2,880	7
West Virginia.....	50	16	-----	829	-----	954	2,416	1,254	1	1	1,934	1
North Carolina.....	66	9	-----	1,922	2,524	2,103	6,214	3,086	-----	42	4,167	1
South Carolina.....	-----	-----	-----	966	1,200	1,029	4,623	6,430	11,019	240	1,067	0
Georgia.....	60	20	-----	1,631	3,274	1,770	8,020	5,561	4,612	364	1,066	3
Florida.....	10	9	-----	959	-----	1,039	4,301	667	1,011	373	703	0
<b>EAST SOUTH CENTRAL</b>												
Kentucky.....	59	18	-----	2,093	-----	2,263	3,331	4,738	294	77	1,007	0
Tennessee.....	111	33	-----	2,291	2,865	2,589	12,413	6,160	4,507	274	1,883	3
Alabama.....	44	12	-----	1,732	3,189	1,900	5,896	1,795	4,509	262	738	1
Mississippi.....	18	18	-----	1,262	-----	1,314	10,497	17,007	72,505	697	3,620	-----
<b>WEST SOUTH CENTRAL</b>												
Arkansas.....	20	15	-----	1,011	-----	1,071	2,628	1,232	3,742	905	968	0
Louisiana.....	47	28	2,014	1,471	-----	1,585	2,364	1,286	3,214	426	286	0
Oklahoma.....	81	3	-----	1,219	-----	1,253	1,683	1,448	1,581	111	570	2
Texas.....	86	28	-----	3,761	-----	4,046	4,331	541	17,238	363	3,650	0
<b>MOUNTAIN</b>												
Montana.....	10	3	-----	227	465	268	433	306	-----	0	1,856	1
Idaho.....	7	7	-----	119	-----	140	-----	-----	-----	0	454	0
Wyoming.....	7	5	-----	43	-----	64	-----	-----	-----	0	424	2
Colorado.....	35	13	-----	819	-----	873	1,183	1,186	3	1	3,027	0
New Mexico.....	17	5	-----	475	702	510	299	270	147	1	578	1
Arizona.....	-----	25	1,016	-----	-----	1,073	165	294	14	0	586	1
Utah.....	25	12	-----	-----	72	62	-----	-----	-----	0	3,386	1
Nevada.....	7	1	-----	72	-----	82	-----	-----	1	1	104	0
<b>PACIFIC</b>												
Washington.....	40	15	-----	-----	1,555	857	2,373	2,280	-----	2	5,691	1
Oregon.....	6	5	-----	285	644	338	403	617	26	0	1,471	0
California.....	140	77	8,561	4,176	9,399	4,619	17,955	12,948	66	3	20,564	7
Total.....	2,913	1,214	46,030	65,914	96,811	73,907	219,405	145,755	125,549	4,471	253,532	141

<sup>1</sup> Nonresidents.<sup>2</sup> Incomplete reports.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

## YELLOW FEVER (37)

No case of yellow fever or death from this disease was reported in continental United States during the year 1933.

## Cases and deaths reported 1933, by States—Continued

## DENGUE (PART 44C)

State	Cases	Deaths	State	Cases	Deaths
SOUTH ATLANTIC			WEST SOUTH CENTRAL		
South Carolina.....	63	0	Oklahoma.....	1	0
Georgia.....	5	2	Texas.....	100	0
Florida.....	5	1			
EAST SOUTH CENTRAL			PACIFIC		
Alabama.....	5	0	California.....	1	0
Mississippi.....	120	0	Total.....	304	4
Arkansas.....	1	0			
Louisiana.....	3	1			

State	Mumps (part 44c)		Rocky Mountain spotted fever (part 44c) <sup>1</sup>		Tularaemia (part 44c) <sup>1</sup>		Pellagra (62)		Pneumonia (all forms) (107-109)		Septic sore throat (115a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND												
Maine.....	600	1	0	0	1	0	4	1,156	651	15	5	5
New Hampshire.....	92	0	0	0	0	0	2	386	386	24	24	24
Vermont.....	1,548	2	0	0	0	0	0	275	275	9	9	9
Massachusetts.....	5,857	4	0	0	0	0	10	4,277	4,039	206	43	43
Rhode Island.....	300	0	0	0	0	0	3	543	543	14	3	3
Connecticut.....	2,693	2	0	0	0	0	5	3,105	1,236	77	4	4
MIDDLE ATLANTIC												
New York.....	3	3	0	4	0	0	20	29,687	12,102	574	105	105
New Jersey.....	8,281	5	0	1	0	0	6	5,516	2,985	7	306	306
Pennsylvania.....	13,620	4	2	0	11	0	12	7,460	7,460	7	306	306
EAST NORTH CENTRAL												
Ohio.....	1,944	3	0	56	8	20	4,109	2,887	147	147	147	147
Indiana.....	1,058	4	1	4	2	6	2,263	2,263	159	159	159	159
Illinois.....	4,647	2	0	173	9	21	10,933	4,967	215	215	215	215
Michigan.....	7,831	0	0	12	0	5	4,034	2,756	422	422	422	422
Wisconsin.....	3,360	1	0	54	3	2	1,538	1,538	44	44	44	44
WEST NORTH CENTRAL												
Minnesota.....	1	1	0	48	5	1	1,650	1,528	7	0	0	0
Iowa.....	1,748	2	5	9	0	2	1,841	1,841	21	21	21	21
Missouri.....	2,075	2	0	50	0	26	3,353	3,353	161	105	105	105
North Dakota.....	41	0	0	0	0	0	509	415	31	0	0	0
South Dakota.....	178	0	2	2	0	1	429	429	14	11	11	11
Nebraska.....	820	0	0	0	0	0	993	993	55	48	48	48
Kansas.....	3,933	2	0	25	1	4	2,014	1,017	38	38	38	38

<sup>1</sup> Reports of cases of Rocky Mountain spotted fever and tularaemia received from State health officers have been supplemented by reports received from other sources.

<sup>2</sup> Lobar pneumonia only.

## Cases and deaths reported 1933, by States—Continued

State	Mumps (part 44c)		Rocky Mountain spotted fever (part 44c) <sup>1</sup>		Tula- raemia (part 44c) <sup>1</sup>		Pellagra (62)		Pneumonia (all forms) (107-109)		Septic sore throat (115a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
<b>SOUTH ATLANTIC</b>												
Delaware.....	27	0	0	0	0	0	0	0	262	0	0	0
Maryland.....	3,421	0	55	3	25	1	17	11	2,716	1,581	124	25
District of Columbia.....	0	7	1	3	0	0	0	7	1,182	575	22	22
Virginia.....	357	1	23	4	76	5	188	115	3,049	1,762	189	35
West Virginia.....	8	0	0	0	0	0	7	7	1,146	123	9	9
North Carolina.....	112	0	27	6	28	1	833	386	2,123	1,155	123	31
South Carolina.....	690	1	0	18	0	0	2,489	299	2,805	1,555	0	0
Georgia.....	1,260	1	3	1	33	2	762	419	4,286	2,298	313	23
Florida.....	163	1	0	4	0	0	193	193	917	917	0	0
<b>EAST SOUTH CENTRAL</b>												
Kentucky.....	653	0	0	32	8	434	129	2,201	258	89	89	89
Tennessee.....	914	0	2	1	22	2	327	231	2,022	229	75	75
Alabama.....	911	3	2	6	0	626	363	2,194	1,638	10	10	10
Mississippi.....	1,852	3	3	5,856	267	1,090	1,090	1,090	1,090	1,090	1,090	1,090
<b>WEST SOUTH CENTRAL</b>												
Arkansas.....	350	0	0	14	3	979	229	1,190	0	0	0	0
Louisiana.....	56	0	0	37	1	378	194	2,394	1,389	39	18	18
Oklahoma.....	425	3	0	6	0	109	109	2,103	283	71	71	71
Texas.....	1,357	0	0	42	0	645	645	5,713	5,713	205	205	205
<b>MOUNTAIN</b>												
Montana.....	128	1	67	13	27	0	0	327	49	1	1	1
Idaho.....	154	1	47	10	0	0	0	326	0	0	0	0
Wyoming.....	40	0	118	14	29	2	0	133	42	0	0	0
Colorado.....	2,161	0	14	5	2	0	0	1,014	13	0	0	0
New Mexico.....	671	0	0	1	0	0	24	449	432	11	10	10
Arizona.....	552	0	0	2	0	5	5	514	15	15	15	15
Utah.....	1,034	0	5	0	4	0	0	411	196	0	0	0
Nevada.....	1	0	15	1	13	1	0	159	108	2	2	2
<b>PACIFIC</b>												
Washington.....	2,072	0	3	0	1	0	0	895	837	20	5	5
Oregon.....	107	0	50	5	3	0	1	1,267	376	50	0	0
California.....	11,365	5	16	1	13	0	60	37	3,294	3,733	107	43
Total.....	41,467	55	466	70	892	54	12,961	3,821	80,411	92,456	6,351	1,974

<sup>1</sup> Reports of cases of Rocky Mountain spotted fever and tularaemia received from State health officers have been supplemented by reports received from other sources.

<sup>2</sup> Lobar pneumonia only.

NOTE.—Figures in parentheses refer to International List of Causes of Death.



